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ATTORNEY'S DOCKET NO.: 062005

| U.S   | S. DEPARTMENT OF COMMERCE,  | DATE: January 23, 2006                   |                                      |  |  |  |  |
|---|---|--|--------------------------------------|--|--|--|--|
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371          |   |  | U.S. Application, No. (if known): 4  |  |  |  |  |
| INTERN  | ATIONAL APPLICATION NO.: PCT/JP2004/010343  | INTERNATIONAL FILING DATE: July 21, 2004 | PRIORITY DATE CLAIMED: July 25, 2003 |  |  |  |  |
| TITLE OF INVENTION: METHOD OF ADJUSTING A LIQUID DROPLET, METHOD OF DISCHARGING THE LIQUID DROPLET AND APPARATUS THEREFOR     |   |  |                                      |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US: Kazumasa IKUSHIMA  |   |  |                                      |  |  |  |  |
| Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: |   |  |                                      |  |  |  |  |
| 1. 🛛  | This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.  |  |                                      |  |  |  |  |
| 2. 🔲  | This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.   |  |                                      |  |  |  |  |
| 3. 🖾  | This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.  |  |                                      |  |  |  |  |
| 4. 🛛  | The US has been elected (Article 31).   |  |                                      |  |  |  |  |
| 5. 🖾  | A copy of the International Application as filed (35 U.S.C. 371(c)(2)):  a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).  b. ☒ has been transmitted by the International Bureau.  c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)   |  |                                      |  |  |  |  |
| 6. <b>□</b>   | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).  a. ☑ is attached hereto.  b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).   |  |                                      |  |  |  |  |
| 7. 🛚  | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  a.  are transmitted herewith (required only if not transmitted by the International Bureau).  b.  have been transmitted by the International Bureau.  c.  have not been made; however, the time limit for making such amendments has NOT expired.  d.  have not been made and will not be made. |  |                                      |  |  |  |  |
| 8.  | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).   |  |                                      |  |  |  |  |
| 9. 🗆  | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  |  |                                      |  |  |  |  |
| 10. 🗆   | An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).  |  |                                      |  |  |  |  |
| ITEMS 11. TO 20. BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:   |   |  |                                      |  |  |  |  |
| 11. 🖾   | An Information Disclosure Statement under 37 CFR 1.97 and 1.98 together with the international search report, PTO/SB/08 and 6 references.   |  |                                      |  |  |  |  |
| 12. 🗆   | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.  ASSIGNEE NAME AND ADDRESS: MUSASHI ENGINEERING, INC., Tokyo, Japan.  |  |                                      |  |  |  |  |
| 13. 🗵   | Please publish the assignee data with the application.  A preliminary amendment.  |  |                                      |  |  |  |  |
| 14. 🗌   | An Application Data Sheet under 37 C.F.R. 1.76  |  |                                      |  |  |  |  |
| 15. 🗌   | A substitute specification.   |  |                                      |  |  |  |  |
| 16. 🗌   | A change of power of attorney and/or address letter.  |  |                                      |  |  |  |  |
| 17. 🗀   | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.   |  |                                      |  |  |  |  |
| 18. 🗆   | A second copy of the published international application under 35 U.S.C: 154(d)(4).   |  |                                      |  |  |  |  |
| 19. 🗆   | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).   |  |                                      |  |  |  |  |
| 20. 🖂   | Other items or information: 3 sheets of Drawings.   |  |                                      |  |  |  |  |

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| U.S. APPLICATION  | No. Gifknord)4   | DATE: January 23, 2006                       |                      |                 |  |  |  |  |  |
|---|--|--|----------------------|-----------------|--|--|--|--|--|
| The following fees are  | e submitted:   | CALCULATIONS                                 | PTO USE ONLY         |                 |  |  |  |  |  |
| <u> </u>  | onal Stage Fee   | \$300.00                                     |                      |                 |  |  |  |  |  |
| _   | tage Examination Fee   |  |                      |                 |  |  |  |  |  |
| If International prelimi provisions of PCT Arti All other situations  | inary examination repor icle 33(1)-(4)   | \$200.00                                     |                      |                 |  |  |  |  |  |
| Search fee (37 CFR 1.4 an International Search  | tage Search Fee 445(a)(2) has been paid hing Authority eport prepared and prov | \$400.00                                     |                      |                 |  |  |  |  |  |
|   | ENT  | \$900.00                                     |                      |                 |  |  |  |  |  |
|   | o for furnishing the oatity date (37 CFR 1.49)                                 | \$130.00                                     |                      |                 |  |  |  |  |  |
| CLAIMS  | NUMBER<br>FILED  | NUMBER EXTRA                                 | RATE                 |                 |  |  |  |  |  |
| TOTAL   | 7 -20 =  |  | X \$ 50.00           |                 |  |  |  |  |  |
| INDEPENDENT   | 3 - 3 =  |  | X \$ 200.00          | 1               |  |  |  |  |  |
|   | claims(s) (if applicable   | <del></del>                                  | + \$360.00           | \$1 030 00      |  |  |  |  |  |
|   | CALCULATIONS =   |  | t exceeds 100 shoots | \$1,030.00      |  |  |  |  |  |
| National Stage Application Size Fee-for each additional 50 sheets that exceeds 100 sheets \$ 250.00.  Reduction by 1/2 for filing by small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).  |  |  |                      |                 |  |  |  |  |  |
| Reduction by 1/2 for  | ning by small entity,  |  |                      |                 |  |  |  |  |  |
| SUBTOTAL =  |  | \$1,030.00                                   |                      |                 |  |  |  |  |  |
|   | 30.00 for furnishing th  |  |                      |                 |  |  |  |  |  |
| the earliest claimed p TOTAL NATIONAL   | oriority date (37 CFR 1  | \$1,030.00                                   |                      |                 |  |  |  |  |  |
| Fee for recording th  | e enclosed assignment<br>appropriate cover sheet                               | . ,  |                      |                 |  |  |  |  |  |
| \$40.00 per property  | • •  |  |                      |                 |  |  |  |  |  |
| TOTAL FEES ENCL   |  | \$1,030.00                                   |                      |                 |  |  |  |  |  |
|   |  | Amount to be: refunded charged               | \$<br>\$             |                 |  |  |  |  |  |
|   | n the amount Cost on   | 0.00 to correctly about                      | e je enclosed        |                 |  |  |  |  |  |
| a. A check in the amount of \$1,030.00 to cover the above fees is enclosed.  (\$300.00 for basic national stage fee; \$400.00 for national stage search fee; \$200.00 for national stage examination fee and \$130.00 for late filing fee for Declaration). |  |  |                      |                 |  |  |  |  |  |
| b.  Please ch   | arge my Deposit Acco   | ount No. 50-2866 in the amo                  | ount of \$ to cover  | the above fees. |  |  |  |  |  |
| c.   The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2866.   |  |  |                      |                 |  |  |  |  |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.  |  |  |                      |                 |  |  |  |  |  |
| Send All Correspondence To:  WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP  |  |  |                      |                 |  |  |  |  |  |
| 1250 Connecticut Avenue NW Suite 700  |  |  |                      |                 |  |  |  |  |  |
|   | Washington, DC 20036   |  |                      |                 |  |  |  |  |  |
|   | 0 1  |  | CUSTOMER NO. 3883    | 4               |  |  |  |  |  |
| Typed or Printed Na   | ame: Sadao Kinashi   |  | Reg. No.: 48,075     | 22.8.0          |  |  |  |  |  |
| Signature Sa  | dao  | Signature Sadao Kraok Date: January 23, 2006 |                      |                 |  |  |  |  |  |